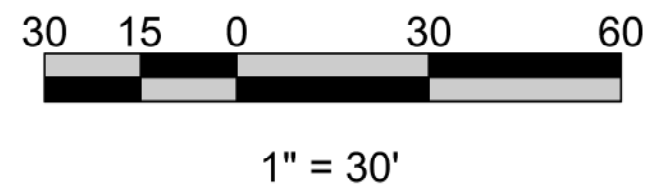
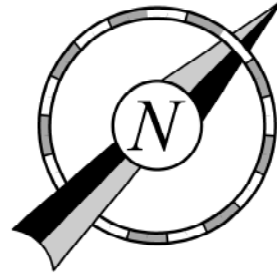


IRRIGATION SCHEDULE			
SYMBOL	DESCRIPTION	MANUFACTURER	QUANTITIES
[C]	CONTROLLER	WEATHERMATIC SL1600 SMARTLINE WITH SLWS WEATHER STATION (PROVIDED BY QT, CONTRACTOR TO INSTALL)	
[ZZZ]	FLOW SENSOR	WEATHERMATIC SLFSI-T20 (PROVIDED BY QT, CONTRACTOR TO INSTALL)	
[■]	SPRAY (SIDE STIP)	RAINBIRD 1806-PRS w/MPR NOZZLES	
[●]	ROTOR	RAINBIRD 5000 SERIES w/MPR NOZZLES	
[○]	SPRAY	RAINBIRD 1806-PRS w/MPR NOZZLES	
[⊞]	GATE VALVE	2" NIBCO T113-K	
[⊕]	Y- STRAINER	2" WATTS "S" SERIES	
[⊗]	DRIP CONTROL VALVE	RAINBIRD XZ2-100-PRB-LC DRIP KIT ASSEMBLY	
[⊘]	REMOTE CONTROL VALVE	RAINBIRD PEB SERIES (ROTOR ZONE VALVE TO HAVE PRESSURE DIAL)	
[⊞]	BACKFLOW ASSEMBLY	WILKINS 975 2" REDUCED PRESSURE PRINCIPAL ASSEMBLY	
[⊕]	WATER METER	2" METER	
[▲]	QUICK COUPLER	RAINBIRD 330RC	
[—]	MAINLINE PIPING	2" SCHEDULE 40 PVC WITH TRACER WIRE	1240LF
[---]	SLEEVE PIPING	SCHEDULE 40 PVC	
[---]	LATERAL PIPING	SCHEDULE 40 PVC	
[12]	STATION NUMBER		
[1"]	VALVE SIZE		
[20]	GPM (APPROX.)		
[■]	NETAFIM DRIP IRRIGATION	TECHLINE-CV-06-12	

- GENERAL NOTES**
1. THE IRRIGATION DESIGN IS CONCEPTUAL AND DIAGRAMMATIC. THE INTENT OF THE DRAWINGS IS TO SHOW THE GENERAL LAYOUT AND LOGIC OF THE SYSTEM. SCALED MEASUREMENTS MAY NOT BE ACCURATE. ACTUAL LOCATIONS AND QUANTITIES OF PIPE AND FITTINGS MAY VARY DUE TO FIELD ADJUSTMENTS FOR EXISTING CONDITIONS AND OTHER OBSTRUCTIONS TO PROVIDE THE PROPER AND INTENDED COVERAGE.
 2. FLOW RATES ARE ESTIMATED AND AS SUCH WILL BE BASED ON NOZZLE SELECTED BY CONTRACTOR, CONTRACTOR SHALL BE RESPONSIBLE FOR FLOW, PIPE SIZING AND HYDRAULIC CALCULATIONS.
 3. CONTRACTOR SHALL INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S CURRENT SPECIFICATIONS AND IN ACCORDANCE WITH ALL LAWS AND CODES THAT GOVERN O'FALLAN, MO.
 4. CONTRACTOR SHALL CAREFULLY VERIFY A MINIMUM DYNAMIC WATER PRESSURE OF 65psi WITH A FLOW OF 30gpm AT THE WATER METER LOCATION PRIOR TO INSTALLATION. CONTRACTOR SHALL NOTIFY ARCHITECT IF WATER PRESSURE IS LESS THAN OR SIGNIFICANTLY HIGHER THAN NOTED.
 5. CONTRACTOR WILL COORDINATE EXACT LOCATIONS OF WATER METER, BACKFLOW PREVENTER, CONTROLLER AND CLIMATE SENSORS WITH THE ARCHITECT AND GENERAL CONTRACTOR.
 6. WHEN TRENCHING UNDER THE DRIP LINE OF EXISTING TREES EXTREME CARE MUST BE GIVEN TO AVOID ROOT DAMAGE. IF AT ALL POSSIBLE AVOID TRENCHING INSIDE THE DRIP LINE BY GOING AROUND THE TREE RATHER THAN UNDER IT. IF TRENCHING MUST OCCUR UNDER THE DRIP LINE, USE EITHER TUNNELING OR HAND-DIGGING METHODS RATHER MECHANICAL TRENCHER. MINIMIZE THE IMPACTS OF ROOT SEVERING BY AVOIDING CONSTRUCTION DURING HOT, DRY WEATHER, KEEPING TREES WELL WATERED BEFORE AND AFTER DIGGING AND COVERING ROOTS WITH SOIL OR MULCH AS SOON AS POSSIBLE.
 7. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE CAUSED TO ALL UTILITIES (BOTH OVERHEAD AND UNDER GROUND) DURING THE IRRIGATION INSTALLATION. CONTRACTOR SHALL SEEK THE ASSISTANCE AT LOCAL UTILITIES AND THE OWNER IN THE LOCATION OF THE UTILITIES PRIOR TO PERFORMING TRENCHING OPERATIONS IN THE WORK AREA.
 8. WINTERIZATION SHALL BE DONE BY "AIR BLOW OUT" METHOD.
 9. ALL MAINLINE SHALL BE SCH40 PVC. ALL LATERAL PIPING SHALL BE CLASS 200 PVC PIPING. ALL PVC FITTINGS SHALL BE PVC TYPE 1 AND MUST BE OF DOMESTIC MANUFACTURE. PVC SOLVENT CEMENT AND PRIMER SHALL BE AS RECOMMENDED / APPROVED BY THE MANUFACTURE OF THE PIPE.



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SHEET NUMBER:
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